BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 30.00 Lakhs

Name of Work:Constructionofoffice1stfloorbuildingonGroundfloorofLibrarybuildingbesideBBMP office building in Ward no 04 of Yelahanka Satellite Town Sub Division

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square/ rectangular/polygon in plan including cost of all materials, labour complete as per specifications. (P15/4	Sqm							
	A)First floor:- Columns:-C1	2	3.142	0.40		4.23	10.63		
	C2	2	3	0.45		4.00	10.80		
		2	3	0.23		4.00	5.52		
	C3	2	2	0.45		4.00	7.20		
		2	2	0.23		4.00	3.68		
	C4	2	2	0.45		4.00	7.20		
		2	2	0.23		4.00	3.68		
	C5	2	1	0.45		4.00	3.60		
		2	1	0.23		4.00	1.84		
	C6	2	1	0.45		4.00	3.60		
		2	1	0.23		4.00	1.84		
	C7	2	6	0.60		4.00	28.80		
		2	6	0.30		4.00	14.40		
	Head room Coloumns:-C2	2	1	0.45		3.00	2.70		
		2	1	0.23		3.00	1.38		
	C4	2	2	0.45		3.00	5.40		
		2	2	0.23		3.00	2.76		
	C6	2	1	0.45		3.00	2.70		
		2	1	0.23		3.00	1.38		
		2	1	0.23		3.00	1.38		
	C7	2	6	0.60		3.00	21.60		
		2	6	0.30		3.00	10.80		
							152.90	361.46	55267.23
	Basic Rate	338.00							
	Lift Charges For First Floor	3.00							
		341.00							
	Area Weightage @ 6%	20.46							
	Total	361.46							
2	KSRB 4-6.7: Providing and removing centerign, shuttering strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of materials,	Sqm							
	A)First floor:-Centering for Vertical Lintel beam	2	2	18.00		0.20	14.40		
		2	1	3.00		0.20	1.20		
		2	2	3.40		0.20	2.72		
	Horizontal	2	4	9.60		0.20	15.36		
	Head room Lintel beam	2	1	5.50		0.20	2.20		
		2	1	3.20		0.20	1.28		
	Tie beam forB1&B2	2	1	9.60		0.45	8.64		
	B3,B4&B5	2	3	9.60		0.45	25.92		
	B6&B7	2	1	9.60		0.30	5.76		
	B8&B9	2	1	9.60		0.30	5.76		
	B10	2	1	6.35		0.30	3.81		
	B11-B15&B19-B23	2	2	18.00		0.30	21.60		
	B16	2	1	3.40		0.30	2.04		
	B17	2	2	5.00		0.30	6.00		
	B18	2	1	3.00		0.30	1.80		
	Head room Tiebeam	2	1	5.50		0.30	3.30		

		2	1	3.20		0.30	1.92		
							123.71	258.64	31996.35
	Basic Rate	241.00							
	Lift Charges For First Floor	3.00							
		244.00							
	Area Weightage @ 6%	14.64							
	Total	258.64							
3	KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.15/I.4.37)	Sqm							
	A)first floor:-Window chejjas		1	10	2.70	0.45	12.15		
	Ventilator chejjas		1	3	2.10	0.45	2.84		
							14.99	268.18	4020.02
	Basic Rate	250.00							
	Lift Charges For First Floor	3.00							
		253.00							
	Area Weightage @ 6%	15.18							
	Total	268.18							
4	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200mm including cost of all materials, labour com	Sqm							
	A)First floor:-Roof centering forStudy Hall		3	9.60	3.40		97.92		
			1	4.50	3.40		15.30		
	Toilet room		2	2.40	1.50		7.20		
	Store room		1	3.40	4.70		15.98		
	Staire case room		1	7.00	3.20		22.40		
	Reception room		1	3.20	2.40		7.68		
	Portica		1	5.30	4.90		25.97		
	Landing		1	3.00	1.50		4.50		
	First Flight		1	3.20	1.50		4.80		
	Second Flight		1	1.50	1.50		2.25		
	Roof centering forHead room		1	5.50	3.20		17.60		
							221.60	311.64	69059.42
	Basic Rate	291.00							
	Lift Charges For First Floor	3.00							
		294.00							
	Area Weightage @ 6%	17.64							
	Total	311.64							
555	KSRB 4.2.8 : Providing and laying in position reinforced cement concrete of mix 1:1.5:3 with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for R.C.C beams, columns of all sizes in foun	Cum							
	A)First floor:-C)Coloumns:-C1	3.142	2	0.40	0.40	4.00	1.28		
	C2		3	0.45	0.23	4.00	1.24		
	C3		2	0.45	0.23	4.00	0.83		
	C4		2	0.45	0.23	4.00	0.83		
	C5		1	0.45	0.23	4.00	0.41		
	C6		1	0.45	0.23	4.00	0.41		
	C7		6	0.60	0.30	4.00	4.32		
	Head room Coloumns:-C2		1	0.45	0.23	3.00	0.31		
	C4		2	0.45	0.23	3.00	0.62		
	C6		1	0.45	0.23	3.00	0.31		
	E)Vertical Lintel beam		2	18.00	0.20	0.20	1.44		
			1	3.00	0.20	0.20	0.12		
			2	3.40	0.20	0.20	0.27		
	Horizontal		4	9.60	0.20	0.20	1.54		
	Head room:-Lintel		2	6.00	0.20	0.20	0.48		
			2	3.20	0.20	0.20	0.26		

	F)Tie beam forB1&B2		1	9.60	0.30	0.45	1.30		
	B3,B4&B5		3	9.60	0.30	0.45	3.89		
	B6&B7		1	9.60	0.30	0.30	0.86		
	B8&B9		1	9.60	0.30	0.30	0.86		
	B10		1	6.35	0.30	0.30	0.57		
	B11-B15&B19-B23		2	18.00	0.30	0.30	3.24		
	B16		1	3.40	0.30	0.30	0.31		
	B17		2	5.00	0.30	0.30	0.90		
	B18		1	3.00	0.30	0.30	0.27		
	Head room:-Tie beam		2	6.00	0.20	0.30	0.72		
			2	3.20	0.20	0.30	0.38		
	G)Roof		1	18.00	10.00	0.15	27.00		
	Portica		1	6.35	5.30	0.15	5.05		
	Head room roof		1	6.00	3.60	0.15	3.24		
	H)First Flight		1	3.20	1.50	0.12	0.58		
	Landing		1	3.00	1.50	0.12	0.54		
	Second Flight		1	1.50	1.50	0.12	0.27		
	Steps	22	0.5	1.50	0.25	0.12	0.02		
							64.67	6119.38	395740.30
	Basic Rate	5743.00							
	Lift Charges For First Floor	30.00							
		5773.00							
	Area Weightage @ 6%	346.38							
	Total	6119.38							
6	KSRB 4.2.11: Providing and laying in position reinforced cement concrete of mix 1:1.5:3 (M20) with 12mm and down size graded granite metal, machine mixed, well compacted for plain chajja of 8.5 cms average thickness, upto ground floor level, including cos	Sqm							
	A)first floor:-Window chejjas		1	10	2.10	0.45	9.45		
	Ventilator chejjas		1	3	2.10	0.45	2.84		
							12.29	510.92	6279.21
	Basic Rate	479.00							
	Lift Charges For First Floor	3.00							
		482.00							
	Area Weightage @ 6%	28.92							
	Total	510.92							
7	Providing and fabricating TMT Steel reinforcement bars including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tieing with binding wire, anchoring to the adjoining members wherever necessary, as	Qntl							
	A)First floor:-		Qty vide item No.16+17				67.70	7796.88	527848.78
	Basic Rate	7320.00							
	Lift Charges For First Floor	35.55							
		7355.55							
	Area Weightage @ 6%	441.33							
	Total	7796.88							
8	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in	Cum							
	A)First floor:- Long walls :-		10	3.40		3.90	132.60		
			4	3.00		3.00	36.00		
	Short walls :-		3	9.60		3.90	112.32		
			1	5.10		3.00	15.30		
			1	2.40		3.00	7.20		
	Head room walls		2	6.00		3.00	36.00		
			2	3.20		3.00	19.20		
	Portica		2	5.50		0.85	9.35		
			1	5.85		0.85	4.97		

							372.94		
	Deductions(-) Lintel beam for Long walls :-		10	3.40		0.20	6.80		
			3	3.20		0.20	1.92		
	Lintel beam for Short walls :-		5	4.10		0.20	4.10		
			1	8.80		0.20	1.76		
	Tiebeam for Long walls :-		10	3.40		0.45	15.30		
	Staire case beam		4	3.20		0.30	3.84		
	portica		2	5.00		0.30	3.00		
	Tie beam for Short walls :-		6	9.60		0.45	25.92		
			1	5.50		0.30	1.65		
	Head room Coloumns:-C2		1	0.45		3.00	1.35		
	C4		2	0.45		3.00	2.70		
	C6		1	0.45		3.00	1.35		
	Lintel		2	6.00		0.20	2.40		
			2	3.20		0.20	1.28		
	Beam		2	6.00		0.30	3.60		
			2	3.20		0.30	1.92		
	D		2	1.80		2.10	7.56		
	D1		1	0.90		2.10	1.89		
	D2		2	0.75		1.80	2.70		
	w		10	2.40		1.20	28.80		
	V		3	1.80		0.60	3.24		
							123.08		
							249.85	975.20	243653.72
	Basic Rate	920.00							
	Area Weightage @ 6%	55.20							
	Total	975.20							
9	Providing and fixing RCC Slabs 5cms thick for wall shelves with 12mm and down size jelly cement concrete 1:1 1/2 :3 including CM 1:3 plaster finishing, curing etc., complete (excluding the cost of steel, fabrication and plastering charges).P 18 / 4.57.	Sqm							
	B)Firstfloor:-Overall&Head room roof surfaceplastering		1	17.50	9.50		166.25		
	Portica		1	5.20	4.80		24.96		
							191.21	623.28	119177.37
	Basic Rate	585.00							
	Lift Charges For First Floor	3.00							
		588.00							
	Area Weightage @ 6%	35.28							
	Total	623.28							
10	Providing and laying pattern for flooring staircase, treads and risers using the combination of 20mm thick blockgranite @ 76% 20mm thick grey granite @ 22% 20mm thick shiva gold granite 7% 20mm thick black granite2%. The granite meterials are laid on existing bed of CM 1:3.20mm thick pointed with colour pigment, including full rounding for nosing, flaming the ruby red granite for 50mm wide curing etc., Complete(p.np117/14.48.1).	Sqm							
	A)Ground floor:- staff room		1	3.45	3.00		10.35		
	Skirting		2	3.45		0.15	1.04		
			2	3.00		0.15	0.90		
	Reception room		1	3.45	3.00		10.35		
	Skirting		2	3.45		0.15	1.04		
			2	3.00		0.15	0.90		
	Study Hall		1	7.40	8.70		64.38		
	Skirting		2	7.40		0.15	2.22		
			2	8.70		0.15	2.61		
	Varandah		1	8.70	3.45		30.02		
	Skirting		2	8.70		0.15	2.61		
			2	3.45		0.15	1.04		
	Landing Slab		1	3.00	1.80		5.40		

	Stepsthreads		22	1.50	0.30		9.90		
	Risers		22	1.50		0.13	4.13		
	Portica		1	5.24	5.00		26.20		
							173.07	3570.60	617963.74
	Basic Rate	3368.50							
	Area Weightage @ 6%	202.10							
	Total	3570.60							
11	KSRB 9.4-2: Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps) but including cost of materials.	Cum							
	D	1	2	1.80	0.15	0.12	0.06		
		1	2	2.10	0.15	0.12	0.08		
	D1	2	2	1.20	0.12	0.10	0.06		
		2	2	2.10	0.12	0.10	0.10		
	D2	2	2	1.05	0.10	0.10	0.04		
		2	2	1.80	0.10	0.10	0.07		
	v	2	3	2.10	0.12	0.10	0.15		
		2	3	0.60	0.12	0.10	0.04		
							0.61	105952.30	64630.90
	Basic Rate	99955.00							
	Area Weightage @ 6%	5997.30							
	Total	105952.30							
12	KSRB: 9-27-1: Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embeddding holdfast in cement concrete 1:3:6 of 20mm and down size granite matal painting two coats of coal tar	No's							
	Door frames		5				5.00	1019.72	5098.60
	Basic Rate	962.00							
	Area Weightage @ 6%	57.72							
	Total	1019.72							
13	Window frames		10				10.00	960.06	9600.63
	Basic Rate	905.72							
	Area Weightage @ 6%	54.34							
	Total	960.06							
14	Ventilator frames		3				3.00	534.24	1602.72
	Basic Rate	504.00							
	Area Weightage @ 6%	30.24							
	Total	534.24							
15	KSRB 9.7.1: Providing and fixing in position fully panelled Honne wood shutters for doors styles and rails of 30mm. Thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (eccluding cost of fixtures) Specification No. KBS 9.34 (page No. 46/Item No. 9.20)	Sqm							
	D		1	2.40		2.10	5.04		
	D1		2	0.94		2.10	3.96		
	D2		2	0.75		2.10	3.15		
	Basic Rate	3769.00					12.15	3995.14	48540.95
	Area Weightage @ 6%	226.14							
	Total	3995.14							

16	KSRB 9.21.2: Providing and fixing in position half p[illegible]illed Honne wood shutters for window&ventilatorsstyles and rails of 20mm. Thick with bottom and lock rails 75mm wide top rail and styles 100mm wide as per drawing and panels of 20mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (eccluding cost of fixtures) Specification No. KBS 9.34 (page No. 46/Item No. 9.64)	Sqm							
	v		3	1.80		0.60	3.24		
							3.24	3572.20	11573.93
	Basic Rate	3370.00							
	Area Weightage @ 6%	202.20							
	Total	3572.20							
17	KSRB 7.9: Providing and fixing M.S. Grill work for windows and ventilators weighing 21kg/sqm using M.S Flats or M.S. Square roads, or combination of M.S. flats and quare roads as per approved design drawing including cutting steel sections and welding th	Kg's							
	v		3	1.80		0.60	3.24		
							3.24		
	(21 kg/1sqm)						68.00	98.58	6703.44
	Basic Rate	93.00							
	Area Weightage @ 6%	5.58							
	Total	98.58							
18	Providing and fixing MS grill over exisiting compound wall as per using b16mmx16mm MS square rod at 150mm c/c spacing and 6mmx40mm MS flats at horizontal and 6mmx12mm MS flat for ornamtntal design and providing shp edge design at the verify of every verti	Sqm							
	W		10	1.80		1.20	21.60		
	v		3	1.80		0.60	3.24		
	Staire case grill		1	6.67		1.00	6.67		
	Portica		2	5.50		0.90	9.90		
			1	5.90		0.90	5.31		
							46.72	2070.18	96718.81
	Basic Rate	1953.00							
	Area Weightage @ 6%	117.18							
	Total	2070.18							
19	KSRB 7.22 Providing , fabricating, assembling and fixing in position anodized luminium partition using 101.60mm x 44.45mm x 3.18mm aluminium, mat finish or lossy finish , anodized sections combination of plain , single groove and double groove embers	Sqm							
	W		10	2.40		0.60	14.40		
							14.40	3074.00	44265.60
	Basic Rate	2900.00							
	Area Weightage @ 6%	174.00							
	Total	3074.00							
20	KSRB 7.11:Providing and fixing in position aluminium windows as per approved drawings with sliding shutters using double track window frame section of size 61.85*31.75mm.with 1.2mm thick,bottom section weight 0.695 kg/m, sides and top sections 1:3mm.thick	Sqm							
	W		10	2.40		1.20	28.80		
							28.80	4062.98	117013.82
	Basic Rate	3833.00							
	Area Weightage @ 6%	229.98							
	Total	4062.98							

21	KSRB 14.14.2: Providing colour glazed tiles all sizes 10mm thick for flooring treads of steps and landings laid on a bed of 12mm thick cement mortar 1:3 mix flush pointing using white cement with matching colour pigment including cost of materials labour curing complete as per specifications. Specification No. KBS 14.15.2 (page 93/Item no. 14.33	Sqm							
	Toilet flooring		2	1.50	1.50		31.64	882.98	27937.49
	Basic Rate	833.00							
	Area Weightage @ 6%	49.98							
	Total	882.98							
22	KSRB 14.17.1 : Providing skirting dado, rises of steps with white glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately)using glazed tiles of approved make and size including cost of materials labour, complete as per specifications. Specification No. KBS 14.16., 14.17 (Page no. 94/ Item No. 14.40	Sqm							
	Side walls		4	1.55		2.40	14.88		
			4	1.50		2.40	14.40		
			4	0.12		2.40	1.15		
							30.45	901.00	27435.45
	Basic Rate	850.00							
	Area Weightage @ 6%	51.00							
	Total	901.00							
23	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing comple	Sqm							
	Study Hall		3	9.60	3.40		97.92		
			1	4.50	3.40		15.30		
	Beams portion		2	9.60	1.10		21.12		
			1	4.50	1.10		4.95		
	Toilet room		2	2.40	1.60		7.68		
	Store room		1	3.40	4.70		15.98		
	Staire case room		1	7.00	3.00		21.00		
	Stairecase beam		1	3.00	1.10		3.30		
	Reception room		1	3.00	2.40		7.20		
	Portica		1	5.30	4.90		25.97		
	Portica beams		2	5.00	0.65		6.50		
			1	5.50	0.65		3.58		
	Head room		1	5.50	3.20		17.60		
	Landing		1	3.00	1.50		4.50		
	First Flight		1	3.20	1.50		4.80		
	Second Flight		1	1.50	1.50		2.25		
							259.65	159.00	41284.35
	Basic Rate	147.00							
	Lift Charges For First Floor	3.00							
		150.00							
	Area Weightage @ 6%	9.00							
	Total	159.00							
24	KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4 to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing co	Sqm							
	A)First floor:-Study Hall		2	9.60		3.00	57.60		
			1	9.60		3.00	28.80		
			1	4.50		3.00	13.50		

	Toilet room		2	3.40		3.00	20.40		
			2	1.50		3.00	9.00		
	Store room		2	3.40		3.00	20.40		
			2	3.20		3.00	19.20		
	- Staire case room		2	7.00		3.00	42.00		
			2	3.00		3.00	18.00		
	Reception room		2	3.00		3.00	18.00		
	-		2	2.40		3.00	14.40		
	parapet wall inside		2	17.55		0.90	31.59		
			2	9.55		0.90	17.19		
	portica		2	5.50		0.90	9.90		
			1	5.90		0.90	5.31		
	Head room		2	5.50		2.70	29.70		
			2	3.20		2.69	17.19		
							372.18		
	Deductions (-):-								
	D		2	1.50		2.10	6.30		
	D1		2	0.90		2.10	3.78		
	D2		2	0.75		1.80	2.70		
	W		10	2.40		1.80	43.20		
	V		3	1.80		0.60	3.24		
							59.22		
							312.96	213.06	66679.26
	Basic Rate	198.00							
	Lift Charges For First Floor	3.00							
		201.00							
	Area Weightage @ 6%	12.06							
	Total	213.06							
25	KSRB15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (P.99/15.33)	Sqm							
	A)First floor:-I	Qty Vide Item No. 23+24					572.61	24.38	13960.23
	Basic Rate	20.00							
	Lift Charges For First Floor	3.00							
		23.00							
	Area Weightage @ 6%	1.38							
	Total	24.38							
26	KSRB15-3.11 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry and concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of mater	Sqm							
	B)Firstfloor:-Overall&Head room roof surfaceplastering		1	17.50	9.50		166.25		
	Portica		1	5.20	4.80		24.96		
							191.21	225.78	43171.39
	Basic Rate	210.00							
	Lift Charges For First Floor	3.00							
		213.00							
	Area Weightage @ 6%	12.78							
	Total	225.78							
27	KSRB 15.3.3 Providing 15mm thick cement plaster in single coat with cement mortar 1:6 to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing co	Sqm							
	A)first floor:- Long walls :-		2	18.00		3.80	136.80		
	Short walls :-		2	10.00		3.90	78.00		
	Circular pillars	3.142	2	0.40		3.87	9.72		
	Head room		2	5.50		3.00	33.00		
			2	3.20		3.00	19.20		
	Parapet wall plastering		2	18.00		0.90	32.40		
			2	9.60		0.90	17.28		

			2	5.50		0.90	9.90		
			1	5.90		0.90	5.31		
	Window chejjas	2	1	10	2.70	0.45	24.30		
	Ventilator chejjas	2	1	3	2.10	0.45	5.67		
							371.58		
	Deductions (-):-D		2	1.50		2.10	6.30		
	W/V		10	2.40		1.80	43.20		
	V		3	1.80		0.60	3.24		
							52.74		
							318.84	144.16	45963.97
	Basic Rate	133.00							
	Lift Charges For First Floor	3.00							
		136.00							
	Area Weightage @ 6%	8.16							
	Total	144.16							
28	KSRB 8.6-8: Providing and fixing on wall surface 4.0Kg/Sqcm HDPE rain down water pipes 110mm outer dia. Approved makes and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials,	Rmtr							
	110MM DIA:-sanitary line		10	3.30			33.00		
	Basic Rate	565.00					33.00	598.90	19763.70
	Area Weightage @ 6%	33.90							
	Total	598.90							
29	KSRB 15-14.1: Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter	Sqm							
	A)First floor:-I		Qty vide item No 25				572.61	80.56	46129.46
	Basic Rate	75.00							
	Lift Charges For First Floor	1.00							
		76.00							
	Area Weightage @ 6%	4.56							
	Total	80.56							
30	Providingexternalwallswithtextureingapprovedbrandpaint,applieduniformlyinthreecoatsoveronecoatofprimerincludingcostofallmaterials,machineries,labour,transportation,loading&unloading,allleadandliftandotherincidentalchargesincludingscaffoldingandremovingsta	Sqm							
	A)First floor:-I		Qty Vide Item No. 34				318.84	261.82	83478.69
	Basic Rate	246.00							
	Lift Charges For First Floor	1.00							
		247.00							
	Area Weightage @ 6%	14.82							
	Total	261.82							
31	KSRB13-1.1 : Providing and fixing to wall, ceiling and floor galvanised/mild steel tube 15mm dia nominal bore with fittings (medium grade weight 1.27 kg/mtr) B class including cost of all materials, labour charges, HOM of equipments and testing complete	M							
			1	40.00			40.00	189.74	7589.60
	Basic Rate	179.00							
	Area Weightage @ 6%	10.74							
	Total	189.74							
32	KSRB 11-11.8 : Providing and fixing white vitreous china clay, surgeon type wash basin size 660 x 460 with a pair of 15 mm C.P. brass pillar taps with pair of elbow operated levers, C.I./M.S. brackets, 32 mm C.P. brass waste of standard pattern, painting	Unit							

			1				1.00	4619.48	4619.48
	Basic Rate	4358.00							
	Area Weightage @ 6%	261.48							
	Total	4619.48							
33	KSRB 13-6.1-1 : Providing and fixing in position brass bib cock of approved quality 25 mm nominal bore including cost of all materials, labour and HOM of equipments with all leads, complete as per specifications. Specification No. KBS 13.2.2/13.3 (Page No	Each							
			4				4.00	231.08	924.32
	Basic Rate	218.00							
	Area Weightage @ 6%	13.08							
	Total	231.08							
34	KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa Pattern of size 580 x 440 mm with integral type footrest, 100mm S or P trap, 10 litre low level, P.V.C. flushing cistern (all are approved make) with fittings, C.I./M.S. brack	Pan							
			2				2.00	4523.02	9046.04
	Basic Rate	4267.00							
	Area Weightage @ 6%	256.02							
	Total	4523.02							
35	KSRB 11-8.1 : Providing and fixing white vitreous china clay, wall corner type, lipped front urinal basin of size 580 x 440 x 265 mm with 5 litres P.V.C. automatic flushing cistern C.I./M.S. brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour, curing complete as per specification. KBS 11 (Page : 80 Item No. 12.11)	Unit							
			2				2.00	2888.50	5777.00
	Basic Rate	2725.00							
	Area Weightage @ 6%	163.50							
	Total	2888.50							
36	Supplying water storage tanks made of virgin polymer (LLDPE) with two layers outer black or Blue and inner white layer of approved quality and make, conforming to I.S.I/ISO/SSI specifications.	Ltr.							
			2000				2000.00	6.36	12720.00
	Basic Rate	6.00							
	Area Weightage @ 6%	0.36							
	Total	6.36							
37	KSRB 11-15.3: Providing and fixing 453x357mm rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing incluidng cost of materials, labour complete as per specifications.	Unit							
			1				1.00	1221.12	1221.12
	Basic Rate	1152.00							
	Area Weightage @ 6%	69.12							
	Total	1221.12							
38	Applying Primer coat over new wood surface and / or wood based surface with white lead paint priming including preparing the surface afetr throughly cleaning oil, grease, dirt and other foreign matter, sand papering and knotting ready mix paint including	Sqm							
	A)first floor:-D	2.25	2	1.50		2.10	14.18		
	D1	2.25	1	0.90		2.10	4.25		
	D2	2.25	2	0.75		1.80	6.08		

	V	2.25	3	1.80		0.60	7.29		
							31.79	31.27	994.07
	Basic Rate	28.50							
	Lift Charges For First Floor	1.00							
		29.50							
	Area Weightage @ 6%	1.77							
	Total	31.27							
39	Providing and Applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, clening the surface of all dirt, dust and foreign matter, sand papering including cost of materials	Sqm							
	A)First floor:-I		Vide Item No. 45				31.79	79.50	2527.31
	Basic Rate	74.00							
	Lift Charges For First Floor	1.00							
		75.00							
	Area Weightage @ 6%	4.50							
	Total	79.50							
40	Supplying and wiring adoptiong loop system in existing PVC conduit /casing caping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end	No.							
	b) Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch		10				10	175.00	1750.00
41	c) Long point above 6Mtr upto 10Mtr from tapping point to out let via switch		6				6	368.00	2208.00
42	Supplying 6A flush /projected type socket and a 6 amps flush/projected type SP switch either surface mounting in a gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required.	No							
			8				8	91.00	728.00
43	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete. (P.4/I.6) Electrical -SR 2013-14)	Each							
	b) 12"x12"x3"		4				4	98.00	392.00
44	c) 10"x7"x3"		6				6	68.00	408.00
45	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulated etc.., and fixing on existing wooden or metal box using N.F. screws... (P.10/I.22) Electrical SR - -SR 2013-14)	Sq. cmt					6000.00	0.22	1320.00
46	Extra for groove cutting, plastering and colour washing for embedding PVC conduit/GI pipe and plastering finishing the wall upto wall surface complete upto 50mm conduit in brick in wall (P.3/I.7a) Electrical-SR 2013-14)	Rmtr							
			1	90.00			90.00	14.00	1260.00
47	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit..... The pit should be filled with equal proportion of salt and charcoal	Each							
			4				4	3000.00	12000.00

48	Supplying and fixing of porcelain fuse chanel with cut out on existing wooden/panel using ncessary nuts, bolts and washers etc complete (P.32/I.3a) Electrical - SR 2013-14)	Each							
	-		6				6	54.00	324.00
49	Supplying 20mm dia 2mm thick heavy guage PVC conduit pipe with suitable size bends, metal junction boxes, adhesive paste etc and running before concreting the slabs. The conduit should be tied to the reinforcement roads by using binding wire and unused	Rmtr							
			1	90.00			90.00	32.00	2880.00
50	Supplying and fixing PBBC brass/Bakelite straight or slant batten holder and wiring, within 60W/230 Volts lamps. (P.13/I.12a) Electrical -SR 2013-14)	No.							
			5				5	60.00	300.00
51	Supply patty type fluorescent tube light fitting of 4 feet 40 watts fluorescent tube of 230 volts made of M.S. sheet and stove enameled with heavy duty polyfill aluminum choke, starter, locking type brass contact holders mounted on foldable type sheet bas	No							
			10				10	400.00	4000.00
52	Wiring for lighting / power circute using one of PVC insulated 1100v/grade multies and copper conductor single core cable in open or consealed system of wiring A Group materials 1.50 Sqmm materials (P.9/I.20Ib) Electrical -SR 2013-14)	Rmtr							
			6	19.83			119.00	15.00	1785.00
53	Supplying and running of GI / Copper conductor for grounding & (along with other wires of CTS or conduit system of wiring) using if necessary suitable size clamps bolts nuts and washers etc. (P.68/I.3Ic) Electrical -SR 2013-14)	Rmtr							
			6	6.00			36.00	221.00	7956.00
54	Supplying and fixing miniature circuit breakers/Isolators on existing MCB distribution boards using necessary fixing materials and wiring complete as required (P.36/I.12Ba) Electrical -SR 2012-13)	No.							
			6				6	370.00	2220.00
55	Supplying capacitor type ceiling fan complete with down rod blades, shakle, regulator canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system and as per technical data app	Nos							
			6				6	1900.00	11400.00
56	Fixing a ceiling fan of all capacities and all types to the existing S hook with fan regulator to the existing board together with supplying and fixing a 5 ampers ceiling rose, necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire and	Nos							
			5				5	105.00	525.00
57	Supplying and fixing 32mm dia class A GI pipe bracket upto 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluoroscent tube street light fitting of all capacities to GI or CI or rail or RCC pole/wall using suitable clamps, b	Nos							
			10				10	685.00	6850.00

	Miscelanious and Unforgen Charges	L/S	1					3719.37
							Total RS	3000000.00

(Rupees ThirtyLakhs Only)

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2013-14
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka New Town Sub Division
Bangalore.

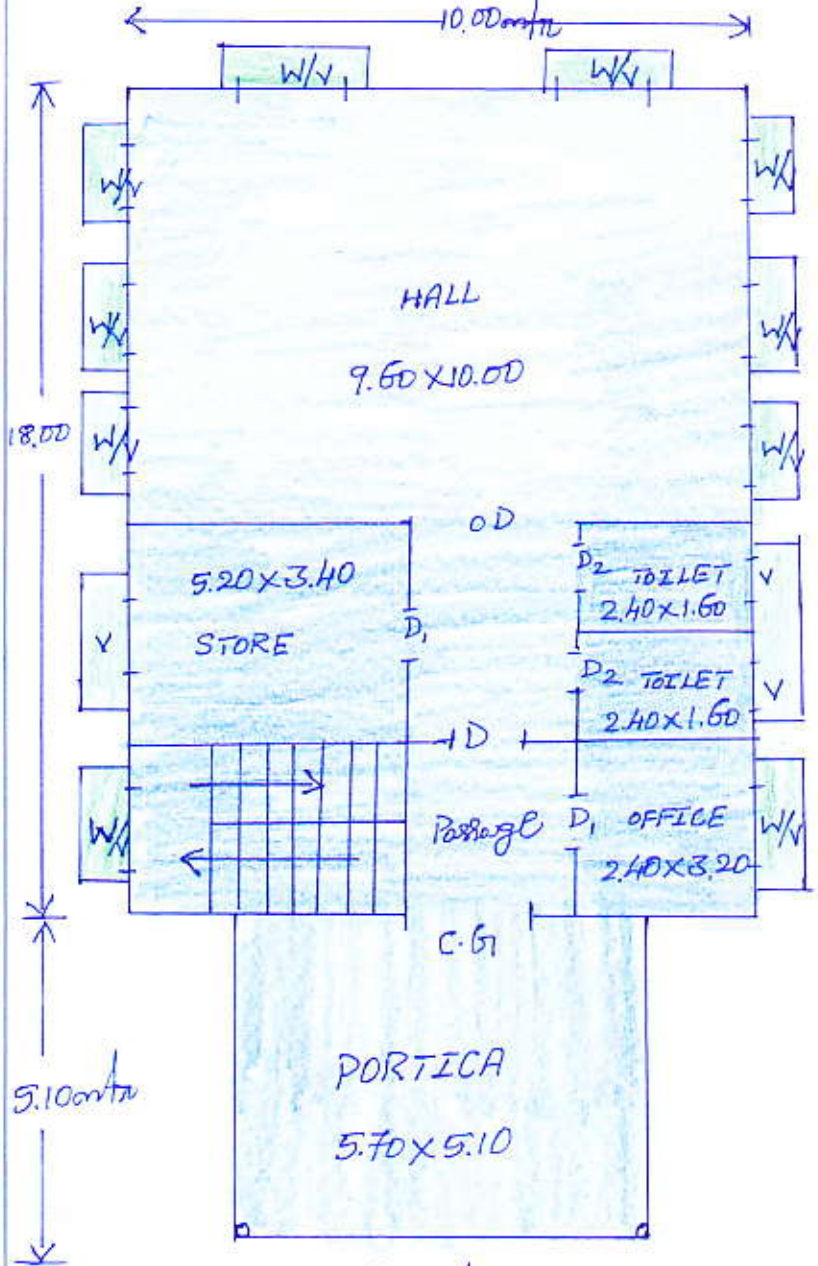
Executive Engineer
Bruhat Bangalore Mahanagara Palike
Bangalore-64

Technical Sanction for Rs. 30.00 lakhs only
(Thirty lakhs only)
P 3055
CE/YNW/15/27/14-15
27/14-15 03.09.14
TA SE (BTP) CE (BTP)

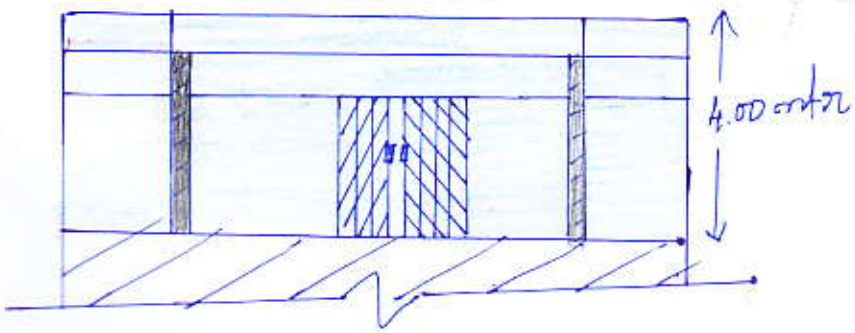
ADMINISTRATIVELY SANCTIONED FOR Rs. 30.00 lakhs
Rupees Thirty lakhs only
P- 3055
Subject to conditions contained in enclosed memo EE ( ) No. (9)
Dt Estimate A/Sanctioned
Addl Comm (Y2) No AS/1027/14-15
dated 3/9/2014 Rs 30.00 lakhs

Addl Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92

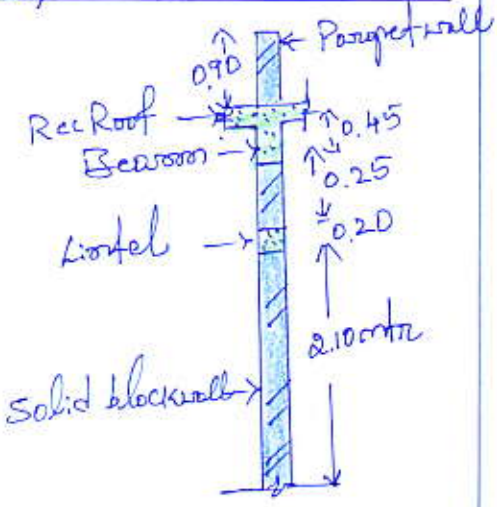
Name of work:- Construction of office 1st floor building on Ground floor of library building beside BSNP office in ward no-04



PLAN



FRONT ELEVATION



CROSS SECTION OF HALL'S

INDEX

D:- 1 X 1.50 X 2.10
D1:- 2 X 0.90 X 2.10
D2:- 2 X 0.75 X 1.80
W/V:- 10 X 2.40 X 1.80
V:- 3 X 1.80 X 0.60
C1:- 600 X 0.60 X 0.30
C2:- 900 X 0.45 X 0.23
C0:- 200 X 0.40 ϕ